

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A device for tissue repair or replacement, comprising first and second components having different relative rates of *in vivo* degradation, the first component comprising a ceramic and the second component comprising a polymer, and the first component having a higher rate of *in vivo* degradation than the second component, and the first and second components being arranged relative to each other so that, after implantation of the device, the first component degrades *in vivo* leaving a scaffold formed of the second component, the scaffold having pores into which tissue can infiltrate, wherein the device, when initially implanted, does not have sufficient porosity to support tissue ingrowth.

2-7. (Cancelled)

8. (Original) The device of claim 1 wherein the device is substantially non-porous prior to implantation into a patient.

9. (Original) The device of claim 1 wherein there is at least an 8 week difference between the degradation rates of the components.

10. (Original) The device of claim 9 wherein the degradation rates differ by about 12 months to 2 years.

11. (Original) The device of claim 1 wherein at least one of the components includes a therapeutic additive.

12-21. (Cancelled)

22. (Currently Amended) A tissue fixation device comprising a porous ceramic structure and a polymer disposed in pores of the ceramic structure, the device being substantially non-porous prior to implantation in a patient, wherein the polymer comprises Polyglyconate B and the ceramic comprises tricalcium phosphate (TCP).

23. (Original) The device of claim 22 wherein the polymer has a higher rate of *in vivo* degradation than the ceramic structure.

24. (Original) The device of claim 22 wherein the polymer includes a therapeutic additive.

25-30. (Cancelled)

31. (Original) The device of claim 22 wherein the ceramic structure has a pore size of about 20 to 2000 microns.

32. (Original) The device of claim 22 wherein the ceramic structure has a porosity of about 10 to 90%.

33-36. (Cancelled)

37. (Currently Amended) A method of tissue repair or replacement, comprising implanting in a patient a device including first and second components having different relative rates of *in vivo* degradation, the first component comprising a ceramic and the second component comprising a polymer, and the first component having a higher rate of *in vivo* degradation than the second component, and the first and second components being arranged relative to each other so that, after implantation of the device, the first component degrades *in vivo* leaving a scaffold formed of the second component, the scaffold having pores into which tissue can infiltrate, wherein the device, when initially implanted, does not have sufficient porosity to support tissue ingrowth.

38-48. (Cancelled)